

SAW Resonators(声表谐振器)

314.925MHz to 315.075MHz LT-SR Series SAW Resonator

Quick Detail:

- Aluminum Housing
- -20°C~+70°C Operating Temperature
- SMD Package
- DC Voltage: ±30V
- RF Power Dissipation: +10dBm
- CE, RoHS, REACH Compliant
- 1 Year Warranty

Description:

The LT-SR-315-3070 from ZR is a SAW Resonator with Frequency 314.925 to 315.075 MHz, Centre Frequency 315 MHz, Insertion Loss 1.4 to 1.8 dB, Capacitance 2.5 pF, Quality Factor Loaded 12000. Tags: Surface Mount, SAW Resonator. More details for LT-SR-315-3070 can be seen below.

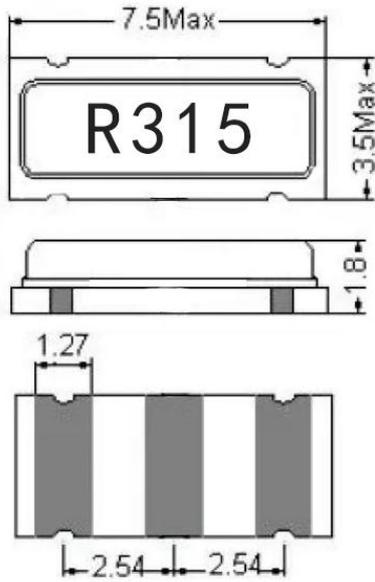
Specifications:

Electrical / Optical Characteristics (Ta=25°C±3°C)

Part Number : LT-SR-315-3070					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	314.925	315.000	315.075
Insertion Loss		dB		1.4	1.8
Quality Factor Unload Q				12000	
50Ω Loaded Q				1000	
Temperature Stability	Turnover Temperature	°C	2	20	35
	Freq.temp.Coefficient	ppm/°C ²		0.046	
Frequency Aging		ppm/yr		≤10	
DC. Insulation Resistance		MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω		12.2	20
	Motional Inductance L1	μ H		77.6	
	Motional Capacitance C1	fF		3.29	
Transducer Static Capacitance		pF		2.5	

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):



Pin	Configuration
1	Input
3	Output
2	Case Ground

Typical Frequency Response

